



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48933

UPCOMING FAMILIES FIGHTING FLU WEBINAR

Families Fighting Flu (FFF) invites you to join a webinar on October 16 from 12:00-1:00 to hear from a team of experts about preparing for this flu season. A medical perspective and a personal story will be presented. Register [here](#).

INFLUENZA ACTIVITY THROUGHOUT THE U.S.

- [First flu case in Maryland involves child, officials say](#)
- [First flu hospitalizations in Utah, but furloughed CDC can't track](#)
- [First cases of influenza reported in South Dakota](#)
- [First cases of influenza confirmed in South Carolina](#)

2013 MDCH FALL REGIONAL IMMUNIZATION CONFERENCES

Registration is still open for the 2013 Fall Regional Immunization Conferences! To register or for more information, visit the conference [website](#). The remaining conferences are Oct. 15 (Gaylord), Oct. 17 (Marquette), Oct. 29 (Kalamazoo), Nov. 1 (East Lansing), Nov. 19 (Bay City), and Nov. 22 (Troy).

H5N1 AVIAN INFLUENZA JOURNAL AND NEWS ARTICLES

- [Indonesia confirms H5N1 death](#)
 - Indonesia's second H5N1 case this year
- [Vaccine: Suboptimal protection against H5N1 highly pathogenic avian influenza viruses from Vietnam in ducks vaccinated with commercial poultry vaccines](#)
 - Two commercial H5N1 avian flu vaccines widely used in poultry in Vietnam were found to provide inadequate protection in domestic ducks
 - Routine monitoring of vaccine efficacy is necessary
- [Antigenicity and transmissibility of a new clade 2.3.2.1 avian influenza H5N1 virus](#)
 - New clade exhibits distinct antigenic properties and shows little cross-reactivity to sera raised against other H5N1 viruses
 - Virus has not acquired the capacity for airborne transmission between ferrets
- [Avian influenza A\(H5N1\) virus antibodies in pigs and residents of swine farms, Southern China](#)
 - Results demonstrate minimal transmission from birds to pigs in swine farms studied

INFLUENZA-RELATED NEWS ARTICLES

- [Flu prevention in children with special needs](#)
- [Rutgers scientists discover molecules that show promise for new anti-flu medicines](#)
- [Scientists find new way influenza can infect cells](#)
- [Influenza vaccination reduced flu-related community-acquired pneumonia hospitalizations in children, adults](#)
- [Pediatric visit during flu season increased risk for influenza-like illness](#)
- [Flublok® influenza vaccine to be available to allow vaccination by Thanksgiving](#)

INFLUENZA-RELATED JOURNAL ARTICLES

- [Vaccine: Immediate hypersensitivity reactions following monovalent 2009 pandemic influenza A \(H1N1\) vaccines: Reports to VAERS](#)
 - Study found the rate of hypersensitivity reactions was low, similar to other vaccines
 - Adult females may be at higher risk than men of hypersensitivity reactions after influenza vaccination
- [Epidemics: Household transmission of influenza A and B in a school-based study of non-pharmaceutical interventions](#)
 - Authors found no statistically significant effect of school-based non-pharmaceutical interventions on transmission in symptomatic children's homes
 - Estimates for secondary attack rates and transmission probabilities for flu A and B were not significantly different

AVIAN INFLUENZA A (H7N9) JOURNAL ARTICLES

- [mBio: Novel human influenza A\(H7N9\) virus is naturally adapted to efficient growth in human lung tissue](#)
 - Findings suggest this likely contributes to the severity of lower respiratory tract disease seen in many patients
- [Scientific Reports: Mapping spread and risk of avian influenza A\(H7N9\) in China](#)
 - Findings could be used to inform targeted surveillance and control efforts in both human and animal populations to reduce risk of future human infections

FLU WEBSITES

www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
<http://vaccine.healthmap.org/>

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